

L Number	Hits	Search Text	DB	Time stamp
1	1	"20030064606"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 13:42
2	43545	(metal or metallic) near (network or foam or strand or ligament or mesh or meshes or fiber)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 13:46
3	4241	((metal or metallic) near (network or foam or strand or ligament or mesh or meshes or fiber)) and silicone	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 13:46
4	146	((metal or metallic) near (network or foam or strand or ligament or mesh or meshes or fiber)) and (silicone same insulation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 14:43
9	5	((metal or metallic) near (network or foam or strand or ligament or mesh or meshes or fiber)) and (silicone same insulation)) and (expanded adj metal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 14:44

DERWENT-ACC-NO: 1986-334774

DERWENT-WEEK: 198651

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TITLE: Lightweight duct for air conditioner -  
comprises non-combustible soft sheet prepd. by  
laminating fibrous sheets with elastomer

PATENT-ASSIGNEE: ASAH I CHEM IND CO LTD[ASAH]

PRIORITY-DATA: 1985JP-0089905 (April 27, 1985)

PATENT-FAMILY:

PUB-NO	PAGES	MAIN-IPC	PUB-DATE	LANGUAGE
JP 61248737 A	005	N/A	November 6, 1986	N/A

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-DESCRIPTOR	APPL-NO
JP 61248737A	April 27, 1985	N/A	1985JP-0089905

INT-CL (IPC): B32B001/08, B32B025/10

ABSTRACTED-PUB-NO: JP 61248737A

BASIC-ABSTRACT:

Duct comprises non-combustible soft sheet prepd. by  
laminating fibrous sheet(s)  
with elastomer. The sheet has rigidity up to 2000 mg (JIS  
L-1079).

The fibrous sheet is woven, nonwoven or knitted textiles of  
aramid fibre (e.g.  
p-phenylene terephthalamide), phenolic resin fibre, F-contg.  
resin fibre (e.g.  
Teflon), carbon fibre, such fibre treated with

flame-retardant, glass fibre,  
metallic fibre (e.g. stainless steel or Al), alumina fibre,  
boron fibre,  
silicon carbide fibre or asbestos fibre.

The elastomer is pref. silicone resin, halogen-contg. vinyl  
resin, polyimide  
resin or halogen-contg. rubber blended opt. with  
flame-retardant. It is coated  
on fibrous sheet by dipping, coating, spraying or laminating.

When higher heat  
insulation is required, the sheet may be laminated with heat  
insulating layer  
(e.g. glass wool, polyurethane foam or layer contg. inorganic  
hollow spheres,  
bubbles of CO<sub>2</sub> or freon gas). The sheet is formed into a  
duct using adhesive,  
high frequency welding, ultrasonic welding or seaming.

ADVANTAGE - The sheet has light wt., high flexibility and  
forming workability.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: LIGHT DUCT AIR CONDITION COMPRISE NON COMBUST  
SOFT SHEET

PREPARATION LAMINATE FIBRE SHEET ELASTOMER

ADDL-INDEXING-TERMS:

ARAMID POLYPHENOL POLYIMIDE SILICONE POLYURETHANE

DERWENT-CLASS: A88 A93 P73

CPI-CODES: A11-B09A1; A12-R02;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1247U; 1544U ; 1668U ;  
5007U ; 5023U ; 5024U  
; 5086U ; 5214U ; 5333U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0011 0016 0020 0034 0035 0205 0207 0210  
0211 0069 0105 0171  
0229 0231 0947 1277 1283 1285 1294 1306 1462 3111 2212 2213  
2214 2215 2219 2220  
2221 3220 3221 3222 2443 2446 2454 2455 2488 2491 2528 2536  
2537 2628 2646 2665  
2679 2682 2692 2697 2820 2821

Multipunch Codes: 014 03- 032 04- 05- 06- 062 064 07- 08& 087  
09& 140 141 15-  
150 151 155 163 166 20- 206 229 23& 27- 273 274 301 308 309  
311 312 335 354 38-  
42- 441 446 448 449 454 46& 481 483 49- 491 539 54& 55& 551  
56& 560 566 575 581  
604 606 609 613 617 654 664 665 667 684 688 720 722 723 724

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1986-144994

Non-CPI Secondary Accession Numbers: N1986-249690